THIS REPORT IS PROVIDED AS AN EXAMPLE ONLY. ALL PROJECT INFORMATION, NAMES, AND DATES ARE FICTITIOUS. THIS IS NOT INTENDED TO BE A FINAL REPRESENTATION OF THE WORK DONE OR RECOMMENDATIONS MADE BY CALTRANS FOR AN ACTUAL PROJECT.

Short Form - Storm Water Data Report

Dist-County-Route: 03-ED-50
Post Mile Limits: 64.40-66.38
Project Type: Culvert Lining and/or Replacement
Project ID (or EA): 03-XXXXXX-PV
Program Identification:
Phase: ☒ PID ☐ PA/ED ☐ PS&E

Regional Water Quality Control Board(s): Central Valley (Region 5)

1.	Is the project required to consider incorporating Treatment BMPs?	Yes ☐	No ☒
2.	Does the project disturb 5 or more acres of soil?	Yes ☐	No ☒
3.	Does the project disturb more than 1 acre of soil and not qualify for the Rainfall Erosivity Waiver?	Yes ☐	No ☒
4.	Does the project potentially create permanent water quality impacts?	Yes ☐	No ☒
5.	Does the project require a notification of ADL reuse	Yes ☐	No ☒

If the answer to any of the preceding questions is "Yes", prepare a Long Form – Storm Water Data Report.

Estimate Construction Start Date: 6/2011 Construction Completion Date: 9/2011
Separate Dewatering Permit (if yes, permit number) Yes ☐ Permit #_____ No ☒
Erosivity Waiver Yes ☐ Date: _____ No ☒

This Short Form – Storm Water Data Report has been prepared under the direction of the following Licensed Person. The Licensed Person attests to the technical information contained herein and the data upon which recommendations, conclusions, and decisions are based. Professional Engineer or Landscape Architect stamp required at PS&E.

Betsy Ross 8-26-10

Betsy Ross, Registered Project Engineer/Landscape Architect *Date*

I have reviewed the storm water quality design issues and find this report to be complete, current and accurate:

Friedrich Wilhelm von Steuben 8.26.10

Friedrich Wilhelm von Steuben, District/Regional SW Coordinator or Designee *Date*

[Stamp Required for PS&E only)

1. Project Description

This is a maintenance project located on Route 50 in El Dorado County that includes the rehabilitation of nine culverts. The culverts are located at high elevations and have received traction sand and salt for over 50 years which has caused severe corrosion of the inverts. The culverts are all small, 18-inch or 24-inch diameter, corrugated metal pipe culverts. Failure to replace the culverts may result in sink holes and ultimately complete failure of the road which could discharge large amounts of sediment (among other problems).

The current proposed plan is to line seven culverts and replace two others. The culverts to be lined are located at the following post miles: 64.40, 64.72, 64.97, 65.25, 65.30, 65.40, and 66.38. The culverts to be replaced are located at the following post miles: 65.60 and 65.619. The drainage summary for the site indicates that the small size of the contributing watersheds in relation to the culvert diameters should allow for liners. The liners are expected to cause an insignificant change in capacity of the culverts. The project will maintain original line and grade and original purpose of the facility.

Per the EPA definition for the CGP, this project is considered routine maintenance because it maintains the original line and grade, hydraulic capacity, and original purpose of the facilities. This project provides preventative maintenance to existing highway facilities and will maintain existing facility functions. Since this project is routine maintenance, it is exempt from the Construction General Permit requirements.

There is little chance for negative water quality impacts because there will be no grading and very little soil disturbance. To avoid water quality and other environmental impacts the work will be scheduled for low flow periods during which time the culverts will have no water. All drainages are ephemeral.

The Project falls within the Central Valley Regional Water Quality Control Board (RWQCB) boundaries. The RWQCB has defined the rainy season as October 15th through April 15th. The project is located in the Kyburz hydrologic sub-area (HSA 514.35), and the receiving waterbody is the South Fork American River. None of the water bodies in this hydrologic sub-area have TMDLs or are 303(d) listed. There are no high risk areas within the vicinity of the project, and there are no existing permanent storm water treatment BMPs near or within the project limits.

No permits will be required for this work since all work will occur when the culverts are dry and in areas not meeting the wetlands criteria. The project Initial Site Assessment concluded that there are no significant hazardous waste/material issues for the project as proposed and there is a potential for aerially deposited lead. The standard special provision (SSP) for lead compliance plan will be included in the project documents.

Two of the culverts are within a jurisdictional area and will require 401 certification. The Storm Water Coordinator will contact the Regional Water Quality Control Board prior to PA/ED to determine the additional Project requirements for 401 certification.

2. Construction Site BMPs

Preparation of a Water Pollution Control Program (WPCP) is required. Of the six water pollution control categories, Construction Site BMPs representing four of the categories are anticipated on this project. These include:

- Soil Stabilization
- Sediment Control
- Non-Storm Water Management
- Waste Management & Materials Pollution Controls

Selection of specific Construction Site BMPs will occur in the PA/ED and PS&E phases of the project, along with identification of separate bid line items and lump sum items. Compliance of the CGP can be met through the use of traditional BMPs; therefore, active treatment systems are not required. The percent of total project cost method has been used to estimate costs for Construction Site BMPs. The cost for preparing a WPCP has been estimated using Table F-6 of the Project Planning and Design Guide.

At this phase of the project, no meetings have been held with the District Construction Stormwater Coordinator (CSWC). The District CSWC, William Alexander, has been notified by the PE about this project via email on March 1, 2010. A meeting will be scheduled to coordinate the temporary construction site BMP implementation strategy before the project PA/ED submittal. Concurrence on the implementation strategy will be obtained during PS&E.

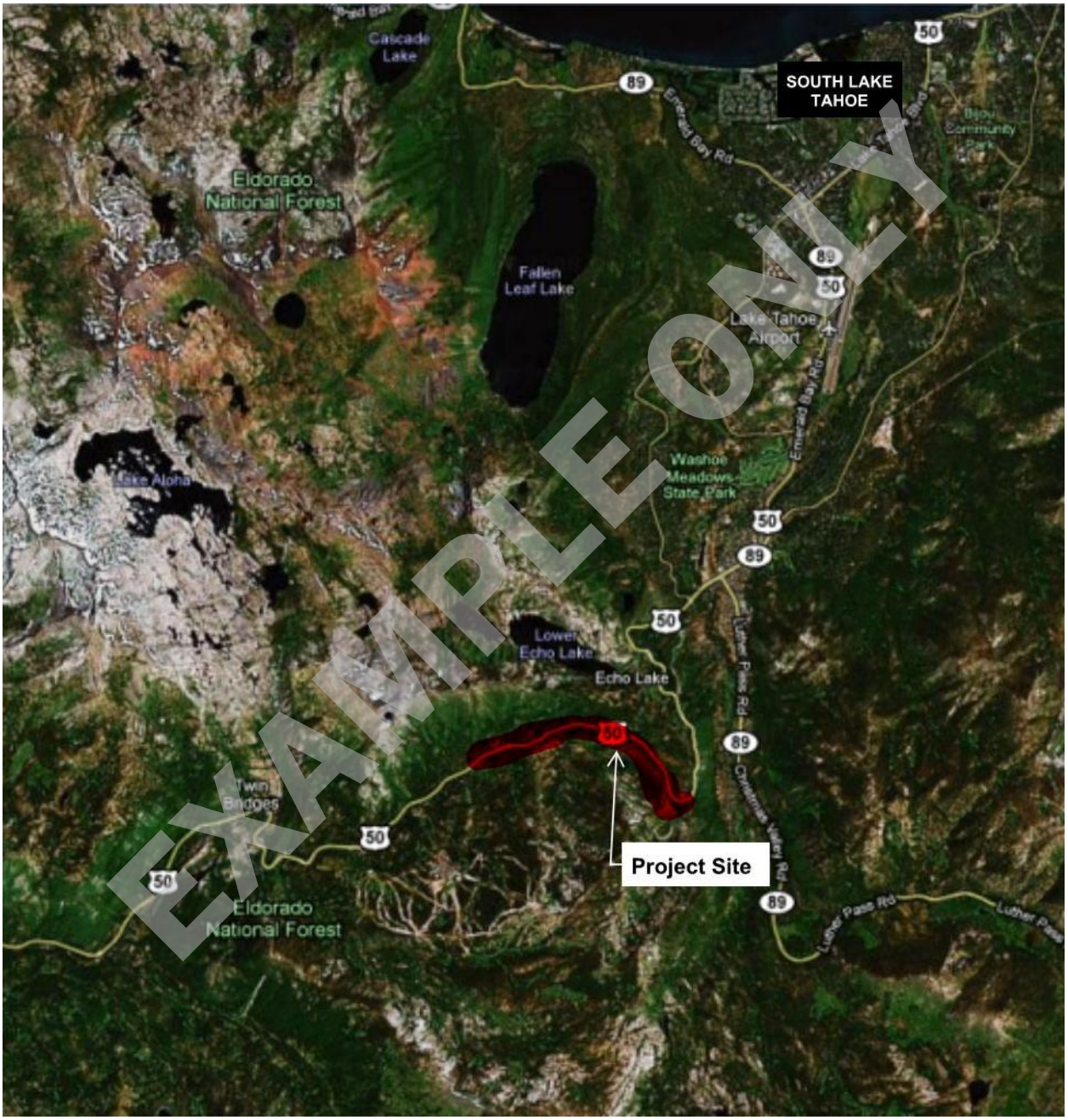
3. Required Attachments

- Vicinity Map
- Evaluation Documentation Form

4. Supplemental Attachments

- Construction Site BMP Consideration Form
- SWDR Tracking Form
- Storm Water BMP Cost Summary

03-ED-50
64.40 – 66.38
Culvert Lining and/or Replacement
03-XXXXXX-PV



Vicinity Map
Not to Scale

DATE: 8-26-10

Project ID (or EA): 03-XXXXXX-PV

NO.	CRITERIA	YES ✓	NO ✓	SUPPLEMENTAL INFORMATION FOR EVALUATION
1.	Begin Project Evaluation regarding requirement for consideration of Treatment BMPs	✓		See Figure 4-1, Project Evaluation Process for Consideration of Permanent Treatment BMPs. Go to 2
2.	Is this an emergency project?		✓	If **Yes**, go to 10. If **No**, continue to 3.
3.	Have TMDLs or other Pollution Control Requirements been established for surface waters within the project limits? Information provided in the water quality assessment or equivalent document.		✓	If **Yes**, contact the District/Regional NPDES Coordinator to discuss the Department's obligations under the TMDL (if Applicable) or Pollution Control Requirements, go to 9 or 4. _____ *(Dist./Reg. SW Coordinator initials)* If **No**, continue to 4.
4.	Is the project located within an area of a local MS4 Permittee?		✓	If **Yes**. *(NA)*, go to 5. If **No**, document in SWDR go to 5.
5.	Is the project directly or indirectly discharging to surface waters?	✓		If **Yes**, continue to 6. If **No**, go to 10.
6.	Is it a new facility or major reconstruction?		✓	If **Yes**, continue to 8. If **No**, go to 7.
7.	Will there be a change in line/grade or hydraulic capacity?		✓	If **Yes**, continue to 8. If **No**, go to 10.
8.	Does the project result in a net increase of one acre or more of new impervious surface?			If **Yes**, continue to 9. If **No**, go to 10. 0 *(Net Increase New Impervious Surface)*
9.	Project is required to consider approved Treatment BMPs.			See Sections 2.4 and either Section 5.5or 6.5 for BMP Evaluation and Selection Process. Complete Checklist T-1 in this Appendix E.
10.	Project is not required to consider Treatment BMPs. JWS *(Dist./Reg. Design SW Coord. Initials)* BR *(Project Engineer Initials)* 8-26-10 *(Date)*	✓		Document for Project Files by completing this form, and attaching it to the SWDR.

See Figure 4-1, Project Evaluation Process for Consideration of Permanent Treatment BMPs

DATE: 8-26-10

Project ID (or EA): 03-XXXXXX-PV

Project Evaluation Process for the Consideration of Construction Site BMPs

NO.	CRITERIA	YES ✓	NO ✓	SUPPLEMENTAL INFORMATION
1.	Will construction of the project result in areas of disturbed soil as defined by the Project Planning and Design Guide (PPDG)?	✓		If Yes, Construction Site BMPs for Soil Stabilization (SS) will be required. Complete CS-1, Part 1. Continue to 2. If No, Continue to 3.
2.	Is there a potential for disturbed soil areas within the project to discharge to storm drain inlets, drainage ditches, areas outside the right-of-way, etc?	✓		If Yes, Construction Site BMPs for Sediment Control (SC) will be required. Complete CS-1, Part 2. Continue to 3.
3.	Is there a potential for sediment or construction related materials and wastes to be tracked offsite and deposited on private or public paved roads by construction vehicles and equipment?		✓	If Yes, Construction Site BMPs for Tracking Control (TC) will be required. Complete CS-1, Part 3. Continue to 4.
4.	Is there a potential for wind to transport soil and dust offsite during the period of construction?		✓	If Yes, Construction Site BMPs for Wind Erosion Control (WE) will be required. Complete CS-1, Part 4. Continue to 5.
5.	Is dewatering anticipated or will construction activities occur within or adjacent to a live channel or stream?		✓	If Yes, Construction Site BMPs for Non-Storm Water Management (NS) will be required. Complete CS-1, Part 5. Continue to 6.
6.	Will construction include saw-cutting, grinding, drilling, concrete or mortar mixing, hydro-demolition, blasting, sandblasting, painting, paving, or other activities that produce residues?	✓		If Yes, Construction Site BMPs for Non-Storm Water Management (NS) will be required. Complete CS-1, Parts 5 & 6. Continue to 7.
7.	Are stockpiles of soil, construction related materials, and/or wastes anticipated?		✓	If Yes, Construction Site BMPs for Waste Management and Materials Pollution Control (WM) will be required. Complete CS-1, Part 6. Continue to 8.
8.	Is there a potential for construction related materials and wastes to have direct contact with precipitation; stormwater run-on, or stormwater runoff; be dispersed by wind; be dumped and/or spilled into storm drain systems?	✓		If Yes, Construction Site BMPs for Waste Management and Materials Pollution Control (WM) will be required. Complete CS-1, Part 6. Continue to 9.
9.	End of checklist.	✓	Document for Project Files by completing this form, and attaching it to the SWDR.	

PE to initialize after concurrence with Construction (PS&E only) *Date*

SWDR Tracking Form

Rpt_to_hq	Dist_EA	District	EA	County	Route	Beg_PM	End_PM	Descrip	Phase	LongSWDR	PhaseRptDate	Exempt	TBMP	Pollution_Program	Disturbance Acr	AddImpArea	PercentTreated	MS4Area	MS4CiCo	ter Bodies Affec	Criteria	BioStrip	BioSwale	Detention	Infiltration	InfilTrench	GSRD	TST	DryWeath	MedFilter	MCTT	WetBasin	Const_Start	Const_Comp	SWComment
26-Aug-10	03-XXXXXX	3	XXXXXX	ED	50	64.4	66.38	Culvert Lining and/or Replacement	PID	FALSE	26-Aug-10	TRUE	FALSE	SWPPP	1	0	FALSE			South Fork		0	0	0	0	0	0	0	0	0	0	0	01-Jun-11	01-Sep-11	

Storm Water BMP Cost Summary - PID Phase Only
THIS INFORMATION IS FOR **CALTRANS INTERNAL USE ONLY**

Project Name:	**Culvert Replacement Rt. 50**
District:	**3**
County:	**ED**
Route:	**50**
Postmile Limits:	**64.40-66.38**
Project ID (or EA):	**03-XXXXXX-PV**

1.0 DPP BMPs

Perm Erosion Control	Unit Cost			
		SUBTOTAL	$	-

Not required

2.0 Treatment BMPs

Miles of Pavement	$xxx,xxx per Mile			
		SUBTOTAL	$	-

Not required per EDF

3.0 Prepare WPCP

Total Construction Cost	Cost per Table F-6			
$1,000,000.00	**$1,100.00**	**SUBTOTAL**	$	1,100

RQM Value (if SWPPP is required): **NA**

4.0 Construction Site BMPs

Total Construction Cost	2.50% per Table F-3			
$1,000,000.00	**$25,000.00**	**SUBTOTAL**	$	25,000

5.0 ROW Acquisition

Length of ROW	Unit Cost per Length			
		SUBTOTAL	$	-

Additional ROW not required

6.0 Stormwater Monitoring

Project Risk Level	SWM Cost (PPDG Appen F)			
		SUBTOTAL	$	-

Not required , DSA <1.0 acre

TOTAL COST FOR STORM WATER BMPs $ 26,100